

Mr. Kerry Kaminski  
DTE Indycoke, LLC  
P.O. Box 8614  
425 South Main Street, Suite 201  
Ann Arbor, Michigan 48107

Re: **097-13675-00061**  
First Administrative Amendment to  
Part 70 Minor Source Modification 097-12101-00061

Dear Mr. Kaminski:

DTE Indycoke, LLC, had applied for a Part 70 Minor Source Modification operating permit on March 27, 2000 for construction and operation of a synthetic fuel manufacturing facility to be collocated with Citizen's Gas & Coke Utility at 2950 East Prospect Street in Indianapolis, Indiana. A Part 70 Minor Source Modification 097-12101-00061 was issued to DTE Indycoke, LLC by the City of Indianapolis ERMD on June 30, 2000. A letter from DTE Indycoke, LLC requesting a change in the description of the synthetic fuel manufacturing facility was received by the City of Indianapolis ERMD on December 20, 2000. This request to administratively amend the Part 70 Minor Source Modification 097-12101-00061 is being made under 326 IAC 2-7-11(a)(8) whereby a revision to descriptive information where the revision will not trigger a new applicable requirement or violate a permit term will be processed as an administrative amendment.

Pursuant to the provisions of 2-7-11 the permit is hereby administratively amended as follows (deletions appear in strikeout and additions in bold):

1. The production capacity of the plant on Page 3 of 15 of the Part 70 Minor Source Modification 097-12101-00061 has been administratively amended to state an average production capacity rather than a maximum production capacity.

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)]  
[326 IAC 2-7-5(15)]

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This stationary source is approved to construct and operate the following emission units and pollution control devices:

- (a) A synthetic fuel manufacturing facility which includes one (1) crusher, identified as Emission Unit ID AP, with ~~a maximum~~ **an average** capacity of 175 tons per hour, using a jetpulse baghouse identified as Control Equipment ID BP, which has a maximum design flow rate of 20,000 acfm exhausting to Stack/Vent ID AL. Support equipment includes:
  - (1) One (1) hopper, with a maximum capacity of 175 tons coal per hour,
  - (2) Two (2) conveyers, each with a maximum capacity of 175 tons material per hour,
  - (3) Nine (9) conveyers, each with a maximum capacity of 58 1/3 tons material per hour,
  - (4) Two (2) pairs conveyers, each with a maximum capacity of 175 tons coal per hour,
  - (5) Two (2) silos, each with a maximum capacity of 87.5 tons coal material per hour,
  - (6) Three (3) pugmills, each with a maximum capacity of 58 1/3 tons coal material per hour,
  - (7) Three briquetters, each with a maximum capacity of 58 1/3 tons coal material per hour,
- (b) Three binder storage tanks, identified as Emission Unit ID BQ, each with a maximum capacity of 25,000 gallons, storing water-based asphalt emulsion, or similar materials, equipped with no pollution control device, and exhausting to Stack/Vent ID BQ.

2. The production capacity of the plant on Page 12 of 15 of the Part 70 Minor Source Modification 097-12101-00061 has been administratively amended to state an average production capacity rather than a maximum production capacity.

SECTION D.1

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

- (a) A synthetic fuel manufacturing facility which includes one (1) crusher, identified as Emission Unit ID AP, with ~~a maximum~~ **an average** capacity of 175 tons per hour, using a jetpulse baghouse identified as Control Equipment ID BP, which has a maximum design flow rate of 20,000 acfm exhausting to Stack/Vent ID AL. Support equipment includes:
- (2) One (1) hopper, with a maximum capacity of 175 tons coal per hour,
  - (3) Two (2) conveyers, each with a maximum capacity of 175 tons material per hour,
  - (4) Nine (9) conveyers, each with a maximum capacity of 58 1/3 tons material per hour,
  - (5) Two (2) pairs conveyers, each with a maximum capacity of 175 tons coal per hour,
  - (6) Two (2) silos, each with a maximum capacity of 87.5 tons coal material per hour,
  - (7) Three (3) pugmills, each with a maximum capacity of 58 1/3 tons coal material per hour,
  - (8) Three briquetters, each with a maximum capacity of 58 1/3 tons coal material per hour.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Mr. Mark Caraher (317) 327-2272.

Sincerely,

Daniel B. Dovenbarger  
Administrator

Attachments - First Administrative Amendment 097-13675-00061

MBC

cc: U.S. EPA, Region V  
Mindy Hahn, IDEM OAQ

**PART 70 MINOR SOURCE MODIFICATION**

**OFFICE OF AIR QUALITY  
and  
INDIANAPOLIS ENVIRONMENTAL RESOURCES  
MANAGEMENT DIVISION**

**DTE Indycoke, LLC at  
Citizens Gas & Coke Utility  
2950 East Prospect Street  
Indianapolis, Indiana 46203**

(herein known as the Permittee) is hereby authorized to construct and operate subject to the conditions contained herein, the emission units described in Section A (Source Summary) of this approval.

This approval is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Source Modification No.: T097-12101-00061	
Issued by: Mona A. Salem, Chief Operating Officer Department of Public Works City of Indianapolis	Issuance Date: June 30, 2000
First Administrative Amendment: 097-13675-00061	Pages Affected: 1, 3 & 12
Issued by:  Daniel B. Dovenbarger Administrator	Issuance Date:

## SECTION A

## SOURCE SUMMARY

This approval is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) and the Indianapolis Environmental Resources Management Division (IERMD). The information describing the emission units contained in conditions A.1 through A.2 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this approval pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

### A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

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The Permittee owns and operates a synthetic fuel manufacturing facility.

Responsible Official: Barry Markowitz  
Source Address: 2950 East Prospect Street, Indianapolis, Indiana, 46203  
Mailing Address: P.O. Box 8614, 425 South Main Street, Suite 201, Ann Arbor, MI 48107  
Phone Number: (734) 913-5992 for Kerry Kaminski  
SIC Code: 2999  
County Location: Marion County  
County Status: Attainment for all criteria pollutants  
Source Status: Part 70 Permit Program; Major under PSD Rules

### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

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This stationary source is approved to construct and operate the following emission units and pollution control devices:

- (a) A synthetic fuel manufacturing facility which includes one (1) crusher, identified as Emission Unit ID AP, with an average capacity of 175 tons per hour, using a jetpulse baghouse identified as Control Equipment ID BP, which has a maximum design flow rate of 20,000 acfm exhausting to Stack/Vent ID AL. Support equipment includes:
  - (1) One (1) hopper, with a maximum capacity of 175 tons coal per hour,
  - (2) Two (2) conveyers, each with a maximum capacity of 175 tons material per hour,
  - (3) Nine (9) conveyers, each with a maximum capacity of 58 1/3 tons material per hour,
  - (4) Two (2) pairs conveyers, each with a maximum capacity of 175 tons coal per hour,
  - (5) Two (2) silos, each with a maximum capacity of 87.5 tons coal material per hour,
  - (6) Three (3) pugmills, each with a maximum capacity of 58 1/3 tons coal material per hour,
  - (7) Three briquetters, each with a maximum capacity of 58 1/3 tons coal material per hour,
- (b) Three binder storage tanks, identified as Emission Unit ID BQ, each with a maximum capacity of 25,000 gallons, storing water-based asphalt emulsion, or similar materials, equipped with no pollution control device, and exhausting to Stack/Vent ID BQ.

### A.3 Part 70 Permit Applicability [326 IAC 2-7-2]

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This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a support facility for Citizens Gas & Coke Utility, T097-7302-00061, a major source, as defined in 326 IAC 2-7-1(22). The application will be incorporated in that of Citizens Gas & Coke Utility.

## SECTION D.1

## FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]

- (a) A synthetic fuel manufacturing facility which includes one (1) crusher, identified as Emission Unit ID AP, with an average capacity of 175 tons per hour, using a jetpulse baghouse identified as Control Equipment ID BP, which has a maximum design flow rate of 20,000 acfm exhausting to Stack/Vent ID AL. Support equipment includes:
- (2) One (1) hopper, with a maximum capacity of 175 tons coal per hour,
  - (3) Two (2) conveyers, each with a maximum capacity of 175 tons material per hour,
  - (4) Nine (9) conveyers, each with a maximum capacity of 58 1/3 tons material per hour,
  - (5) Two (2) pairs conveyers, each with a maximum capacity of 175 tons coal per hour,
  - (6) Two (2) silos, each with a maximum capacity of 87.5 tons coal material per hour,
  - (7) Three (3) pugmills, each with a maximum capacity of 58 1/3 tons coal material per hour,
  - (8) Three briquetters, each with a maximum capacity of 58 1/3 tons coal material per hour.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

### Emission Limitations and Standards [326 IAC 2-7-5(1)]

#### D.1.1 General Provisions Relating to NSPS [326 IAC 12-1][40 CFR Part 60, Subpart A]

The provisions of 40 CFR 60, Subpart A - General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to the facility described in this section except when otherwise specified in 40 CFR 60, Subpart Y.

#### D.1.2 New Source Performance Standard (NSPS) [326 IAC 12-1][40 CFR Part 60.250, Subpart Y]

Pursuant to 326 IAC 12-1 and 40 CFR Part 60.250 (Standards of Performance for Coal Preparation Plants), the Permittee shall not cause to be discharged into the atmosphere from any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal, gases which exhibit twenty (20%) percent opacity or greater.

#### D.1.3 Particulate Matter (PM) [326 IAC 6-1-2(a)]

Pursuant to 326 IAC 6-1-2(a) (Particulate Rules; Nonattainment Area Particulate Limitations: Specified), PM emissions from Emission Unit ID AP shall not exceed 0.03 grains per dry standard cubic foot exhaust. This is equivalent to 5.14 lbs particulate matter per hour.

#### D.1.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section C.2 - Preventive Maintenance Plan, of this permit, is required for this facility and any control devices.

### Compliance Determination Requirements

#### D.1.5 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

The Permittee is not required to test this facility by this permit. However, IDEM and ERMD may require compliance testing when necessary to determine if the facility is in compliance. If testing is required by IDEM and/or ERMD, compliance with the PM limit specified in Condition D.1.3 shall be determined by a performance test conducted in accordance with Section C.6 - Performance Testing.